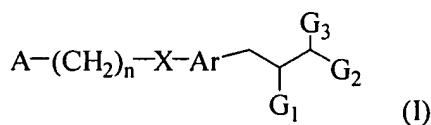


IN THE CLAIMS

This listing of claims replaces all prior versions, and listings, in this application.

1. (Original) A compound of the general formula (I),



, their analogs, their tautomeric forms, their stereoisomers, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates, wherein
'A' represents a substituted or unsubstituted, group selected from aryl, heteroaryl, heterocycl groups; 'n' is an integer from 1-3, with the proviso that when A is substituted or unsubstituted phenyl group, then Ar does not represent a divalent phenyl group; 'X' represents oxygen or sulfur;
'Ar' represents a substituted or unsubstituted single or fused divalent aromatic, heteroaromatic or a heterocyclic group;
G₁ represents OR₁, SR₁, S(O)R₃, S(O)₂R₃, N₃, CN, COOH, tetrazolyl groups; G₂ represents OR₁, NR₁R₂, SR₁, S(O)R₃, S(O)₂R₃, N₃, CN, COOH, tetrazolyl groups; R₁, R₂ represents hydrogen, substituted or unsubstituted groups selected from linear or branched (C₁-C₈)alkyl, (C₃-C₇)cycloalkyl, acyl, aryl, heteroaryl, heterocycl, aminocarbonyl, aralkyl, alkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, heterocyclaminocarbonyl, alkoxy carbonyl, aryloxycarbonyl, aralkyloxycarbonyl, heteroaryloxycarbonyl, heteroaraloxycarbonyl, heterocycloxy carbonyl groups; R₃ represents substituted or unsubstituted groups selected from alkyl, aryl, polyhaloalkyl, heterocycl, heteroaryl groups; with the proviso that, when G₂ represents NR₁R₂, G₁ does not represent -OH group; G₃ represents hydrogen or (C₁-C₈)alkyl or (C₃-C₇)cycloalkyl groups.

2. (Original) A compound as claimed in claim 1 wherein the substituents on 'A', R₁, R₂ & R₃ may be same or different and are independently selected from hydroxyl, oxo, halo, thio, nitro, amino, cyano, formyl, or substituted or unsubstituted groups selected from amidino, guanidino, hydrazino, alkyl, haloalkyl, perhaloalkyl, alkoxy, haloalkoxy, perhaloalkoxy, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, bicycloalkyl, bicycloalkenyl, alkoxy, alkenoxy, cycloalkoxy, aryl, aryloxy, aralkyl, aralkoxy, heterocyl, heteroaryl, heterocyclalkyl, heteroaralkyl, heteroaryloxy, heteroaralkoxy, heterocyclyoxy, heterocyclalkoxy, heterocyclalkoxyacyl, acyl, acyloxy, acylamino, monosubstituted or disubstituted amino, arylamino, aralkylamino, carboxylic acid and its derivatives such as esters and amides, carbonylamino, hydroxyalkyl, aminoalkyl, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl, arylthio, alkylsulfonylamino, alkylsulfonyloxy, alkoxycarbonylamino, aryloxycarbonylamino, aralkyloxycarbonylamino, aminocarbonylamino, alkylaminocarbonylamino, alkoxyamino, hydroxyl amino, sulfenyl derivatives, sulfonyl derivatives.

3. (Original) A compound as claimed in claim 1 wherein, suitable substituents on any substituent of 'A' may be same or different and are independently selected from hydroxyl, oxo, halo, thio, nitro, amino, cyano, formyl, or substituted or unsubstituted groups selected from amidino, guanidino, hydrazino, alkyl, haloalkyl, perhaloalkyl, alkoxy, haloalkoxy, perhaloalkoxy, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, bicycloalkyl, bicycloalkenyl, alkoxy, alkenoxy, cycloalkoxy, aryl, aryloxy, aralkyl, aralkoxy, heterocyl, heteroaryl, heterocyclalkyl, heteroaralkyl, heteroaryloxy, heteroaralkoxy, heterocyclyoxy, heterocyclalkoxy, heterocyclalkoxyacyl, acyl, acyloxy, acylamino, monosubstituted or disubstituted amino, arylamino, aralkylamino, carboxylic acid and its derivatives such as esters and amides, carbonylamino, hydroxyalkyl, aminoalkyl, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl, arylthio, alkylsulfonylamino, alkylsulfonyloxy, alkoxycarbonylamino, aryloxycarbonylamino, aralkyloxycarbonylamino, aminocarbonylamino, alkylaminocarbonylamino, alkoxyamino, hydroxyl amino, sulfenyl

derivatives, sulfonyl derivatives, sulfonic acid and its derivatives, phosphonic acid and its derivatives.

4. (Original) A compound as claimed in claim 1 wherein 'Ar' represents a substituted or unsubstituted single or fused aromatic or heteroaromatic or heterocyclic group.

5. (Original) A compound according to claim 1, wherein the substituents on the group represented by 'Ar' represents substituted or unsubstituted linear or branched alkyl, alkoxy, thioalkyl, halogen, haloalkyl, haloalkoxy, acyl, amino, acylamino, thio or carboxylic or sulfonic acids and their derivatives, phosphonic acid and their derivatives.

6. (Original) The compounds as claimed in claim 1, selected from
3-(6-Benzyl-oxo-naphthalen-2-yl)-2-ethoxy-propan-1-ol;
(2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propan-1-ol;
(2S)-Ethoxy-3-{4-(4-hydroxy-3-methyl-3,4-dihydro-quinazolin-2yl-methoxy)-phenyl}-propan-1-ol;
2-Hydroxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propan-1-ol;
3-{4-[2-(2,3-Dihydro-benzo[1,4]thiazin-4-yl)-ethoxy]-phenyl}-(2S)-ethoxy-propan-1-ol;
(2S)-Ethoxy-3-[4-(2-(phenoxyazin-10-yl)-ethoxy)-phenyl]-propan-1-ol;
3-[4-(2-(Carbazol-9-yl)-ethoxy)-phenyl]-(2S)-ethoxy-propan-1-ol;
3-{4-[2-(3,4-Dihydro-2H-quinolin-1-yl)-ethoxy]-phenyl}-(2S)-ethoxy-propan-1-ol;
(2S)-Ethoxy-3-[4-(2-(indol-1-yl)-ethoxy)-phenyl]-propan-1-ol;
(2S)-Ethoxy-3-[4-(2-(phenoxyazin-10-yl)-ethoxy)-phenyl]-propan-1-ol;
3-{4-[2-(2,3-Dihydro-benzo[1,4]oxazin-4-yl)-ethoxy]-phenyl}-(2S)-ethoxy-propan-1-ol;
3-{4-[2-(5-Methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-2-phenylsulfanyl-propan-1-ol;
(2S)-Ethoxy-3-{4-[2-(methyl-pyridin-2-yl-amino)-ethoxy]-phenyl}-propan-1-ol and its pharmaceutically acceptable salts;
(2S)-Ethoxy-3-{4-[2-(5-ethyl-pyridin-2-yl)-ethoxy]-phenyl}-propan-1-ol and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-[4-(5-methyl-2-thiophen-2-yl-oxazol-4-ylmethoxy)-phenyl]-propan-1-ol;
(2S)-Ethoxy-3-{4-[2-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-ethoxy]-phenyl}-propan-1-ol;
(2S)-Ethoxy-3-(4-{2-[2-methyl-5-(4-methylsulfanyl-phenyl)-pyrrol-1-yl]-ethoxy}-phenyl)-propan-1-ol;
(3S)-Ethoxy-4-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-butan-1-ol;
(2S)-Ethoxy-3-(4-{2-[5-methyl-2-(4-methylsulfanyl-phenyl)-oxazol-4-yl]-ethoxy}-phenyl)-propan-1-ol;
(2S)-Amino-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propan-1-ol and its pharmaceutically acceptable salts;
(2S)-tert-butoxycarbonylamino-3-[4-(5-methyl-2-phenyl-oxazol-4-yl-methoxy)-phenyl]-propan-1-ol;
(2S)-tert-butoxycarbonylamino-3-{4-[2- (5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propan-1-ol;
(2S)-Ethoxy-3-(4-{2-[2-methyl-5-(benzofuran-2-yl)-pyrrol-1-yl]-ethoxy}-phenyl)-propan-1-ol;
(2S)-Ethoxy-3-(4-{2-[2-methyl-5-(benzo[1,3]dioxol-5-yl)-pyrrol-1-yl]-ethoxy}-phenyl)-propan-1-ol;
(2S)-Ethoxy-3-[4-(1-methyl-1H-benzimidazol-2-yl methoxy)-phenyl]-propan-1-ol;
(2S)-Ethoxy-3-[4-(5-methyl-3-phenyl-isoxazol-4-ylmethoxy)-phenyl]-propan-1-ol;
(2S)-Ethoxy-3-{4-[2-(5-ethyl-pyridin-2-yl)-2-hydroxy-ethoxy]-phenyl}-propan-1-ol;
(2S)-Ethoxy-3-[4-(2-benzimidazol-1-yl-ethoxy)-phenyl]- propan-1-ol;
(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propan-1-ol;
(2S)-Ethoxy-3-(4-{2-[2-methyl-5-(5-methyl-thiophen-2-yl)-pyrrol-1-yl]-ethoxy}-phenyl)-propan-1-ol;
(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propan-1,2-diol;
1-Ethoxy-(2S)-ethoxy-3-[4-{2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy}-phenyl]-propane;
2-((2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propoxy)-ethanol;
2-((2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propoxy)-benzoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl bromo acetate;

1-Ethoxy-(2S)-ethoxy-3-[4-{2-(-3,4-Dihydro-2H-benzo[1,4]thiazin-1yl) ethoxy}phenyl]-propane;

1-Propoxy-(2S)-ethoxy-3-[4-{2-(5-methyl-2-phenyl-oxazol-4-yl)ethoxy}-phenyl]- propane;

2-((2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propoxy)-benzoic acid and its pharmaceutically acceptable salts;

1-Ethoxy-(2S)-ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]- propane;

(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-1- phenoxy propane;

(2S)-Ethoxy-1-ethyl sulfinyl-3-{4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl}-propane;

(2S)-Ethoxy-1-ethyl sulfanyl-3-{4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl}-propane;

(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-1-isopropoxy propane;

(3S)-Ethoxy-4-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-butyronitrile;

(2S)-Ethoxy-1H-tetrazole-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propane;

2-Ethoxy-1-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]- pentane-3-ol;

2,3-Diethoxy-1-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]- pentane;

2-Ethoxy-1-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}- pentane-3-ol;

2,3-Diethoxy-1-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}- pentane;

((2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propoxy)-acetic acid and its pharmaceutically acceptable salts;.

3-(4-Benzylxy-phenyl)-(2S)-ethoxy-propyl-methanesulfonate;

(2S)-ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propyl methane sulfonate;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-(5-methyl-thiophen-2-yl)-pyrrol-1-yl)-ethoxy]-phenyl}-propyl-methane sulfonate;

(2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl-methane sulfonate;

(2S)-ethoxy-3-[4-(5-methyl-2-thiophen-2-yl-oxazol-4-ylmethoxy)-phenyl]-propyl methanesulfonate;

(2S)-ethoxy-3-{4-[2-(5-ethyl-pyridin-2-yl)-ethoxy]-phenyl}- propyl methanesulfonate;

(2S)-Ethoxy-1-methoxy-3-{4-[2-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-ethoxy]-phenyl}-propane;

1-Ethoxy-(2S)-ethoxy-3-(4-{2-[5-methyl-2-(4-methylsulfanyl-phenyl)-oxazol-4-yl]-ethoxy}-phenyl)-propane;

1-Ethoxy-(2S)-ethoxy -3-{4-[2-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-ethoxy]-phenyl}-propane;

(2S)-Ethoxy-3-[4-(5-methyl-2-thiophen-2-yl-oxazol-4-ylmethoxy)-phenyl]-1-ethoxy propane;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzofuran-2-yl-pyrrol-1-yl)-ethoxy]-phenyl}-propyl-methanesulfonate;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzo[1,3]dioxol-5-yl-pyrrol-1-yl)-ethoxy]-phenyl}-propyl-methanesulfonate;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzofuran-2-yl-pyrrol-1-yl)-ethoxy]-phenyl}-propyl-(4-methyl phenyl)-sulfonate;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzo[1,3]dioxol-5-yl-pyrrol-1-yl)-ethoxy]-phenyl}-propyl-(4-methyl phenyl)-sulfonate;

1-Ethoxy-(2S)-ethoxy-3-[4-(1-methyl-1H-benzimidazol-2-ylmethoxy)-phenyl]- propane;

(2S)-Ethoxy-3-{4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl}-1-propoxy propane;

1-Ethoxy-(2S)-ethoxy-3-[4-(5-methyl-3-phenyl-isoxazol-4-yl methoxy)-phenyl]- propane;

(2S)-tert-Butoxycarbonylamino-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propyl methanesulfonate;

(2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl amine and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-[4-{3-methyl-3H-quinazolin-4-on-2yl methoxy}phenyl]propyl amine and its pharmaceutically acceptable salts;

((2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl)-isopropyl-amine and its pharmaceutically acceptable salts;

3-{4-[2-(2,3-Dihydro-benzo[1,4]thiazin-4-yl)-ethoxy]-phenyl}-(2S)-ethoxy-propyl amine and its pharmaceutically acceptable salts;

3-(4-Benzyl-oxo-phenyl)-(2S)-ethoxy-propyl amine and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-[4-(5-methyl-2-thiophen-2-yl-oxazol-4-ylmethoxy)-phenyl]-propylamine and its pharmaceutically acceptable salts.

(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propylamine and its pharmaceutically acceptable salts;

N-tert-Butoxycarbonyl-(2S)-ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propyl amine;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-(5-methyl-thiophen-2-yl)-pyrrol-1-yl)-ethoxy]-phenyl}-propylamine and its pharmaceutically acceptable salts;

N-((2S)-Ethoxy-3-{4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl}-propyl)-methane sulfonamide;

(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propylamine and its pharmaceutically acceptable salts;

[(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propyl]-ethyl-amine and its pharmaceutically acceptable salts;

[(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propyl]-isopropyl-amine and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzo[1,3]dioxol-5-yl-pyrrol-1-yl)-ethoxy]-phenyl}-propylamine and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzofuran-2-yl-pyrrol-1-yl)-ethoxy]-phenyl}-propylamine and its pharmaceutically acceptable salts;

N-[(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propyl]-2,2,2-trifluoro-acetamide;

N-Ethoxycarbonyl-((2S)-ethoxy-3-{4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl}-propyl)amine;

N-Benzylloxycarbonyl-((2S)-ethoxy-3-{4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl}-propyl)amine;

N-[(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-propyl]-acetamide;
(2S)-Hydroxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl azide;
3-(4-Benzyl-oxo-phenyl)-(2S)-ethoxy-propyl azide;
(2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl azide;
(2S)-Ethoxy-3-{4-[2-(5-ethyl-pyridin-2-yl)-ethoxy]-phenyl}- propyl azide and its
pharmaceutically acceptable salts;
(2S)-Ethoxy-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]- propyl azide;
(2S)-Ethoxy-3-{4-[2-(2-methyl-5-(5-methyl-thiophen-2-yl)-pyrrol-1-yl)-ethoxy]-phenyl}-
propyl azide;
(2S)-Ethoxy-3-{4-[2-(5-ethyl-pyridine-2-yl)-2-(tert-butyldimethyl-silanyloxy)-ethoxy]-
phenyl}- propyl azide and its pharmaceutically acceptable salts;
(2S)-Ethoxy-3-{4-[2-(5-ethyl-pyridine-2-yl)-2-hydroxy-ethoxy]-phenyl}- propyl azide and
its pharmaceutically acceptable salts;
(2S)-Ethoxy-3-{4-[2-(methyl-pyridin-2-yl-amino)-ethoxy]-phenyl}- propyl azide and its
pharmaceutically acceptable salts;
(2S)-Ethoxy-3-[4-(5-methyl-2-thiophen-2-yl-oxazol-4-ylmethoxy)-phenyl]- propyl azide;
(2S)-Ethoxy-3-{4-[2-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-ethoxy]-phenyl}-propyl azide;
(2S)-Hydroxy-3-[4-(5-methyl-2-phenyl-oxazol-4-yl)-methoxy]-phenyl]- propyl azide;
(2S)-Amino-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}- propyl azide and its
pharmaceutically acceptable salts;
(2S)-Amino-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-methoxy]-phenyl}- propyl azide and
its pharmaceutically acceptable salts;
(2S)-tert-butoxycarbonylamino-3-[4-(5-methyl-2-phenyl-oxazol-4-ylmethoxy)-phenyl]-
propyl azide;
(2S)-tert-butoxycarbonylamino-3-[4-(5-methyl-2-phenyl-oxazol-4-yl-ethoxy)-phenyl]-
propyl azide;
(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzo[1,3]dioxol-5-yl-pyrrol-1-yl)-ethoxy]-phenyl}-
propyl azide;
(2S)-Ethoxy-3-{4-[2-(2-methyl-5-benzofuran-2-yl-pyrrol-1-yl)-ethoxy]-phenyl}- propyl
azide;

N-Benzylloxycarbonyl-(2S)-ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl amine;

N-tert-Butoxycarbonyl-(2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}- propyl amine;

N-tert-Butoxycarbonyl-3-{4-[2-(2,3-dihydro-benzo[1,4]thiazin-4-yl)-ethoxy]-phenyl}-(2S)-ethoxy-propyl amine;

N-((2S)-Ethoxy-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propyl)-acetamide;

3-(4-Benzylxy-phenyl)-N-tert-butoxycarbonyl-(2S)-ethoxy-propyl amine;

N-tert-Butoxycarbonyl -(2S)-ethoxy -3-(4-hydroxy-phenyl)- -propyl amine;

N-tert-Butoxycarbonyl-(2S)-ethoxy-3-{4-[2-(5-ethyl-pyridin-2-yl)-ethoxy]-phenyl}-propyl amine;

(2S)-Ethoxy-1-ethylsulfanyl-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propane;

(2S)-Ethoxy-1-ethylsulfonyl-3-{4-[2-(5-methyl-2-phenyl-oxazol-4-yl)-ethoxy]-phenyl}-propane;

7. (Original) A process for the preparation of compounds of formula (I) as claimed in claim 1 comprising any of the steps below alone or in combination:

a)

converting a compound of formula (III) to a compound of formula (Ia)



iii. converting the compound of formula (Ia) obtained above to compounds of formula (1b) , if desired



iv. converting the compound of formula (1b) obtained above to compounds of formula (1c), if desired



v. converting the compound of formula (1b) obtained above to compounds of formula (1d), if desired

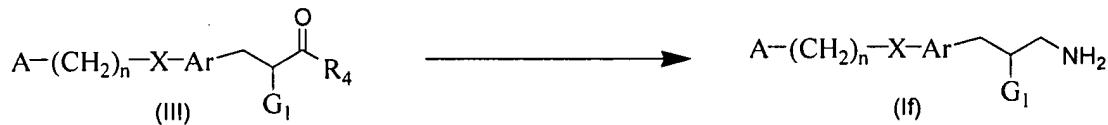


vi. converting the compound of formula (1b) obtained above to compounds of formula (1e), if desired

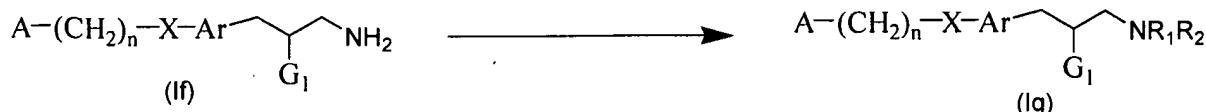


b)

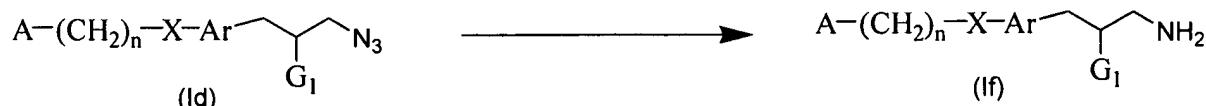
i. converting the compound of formula (III) to compounds of formula (1f)



ii. converting compound of formula (1f) obtained above to compound of formula (1g), if desired



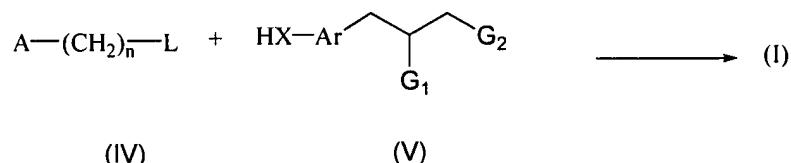
iii. alternatively, converting compound of formula (1d) obtained above, to compound of formula (1f), if desired



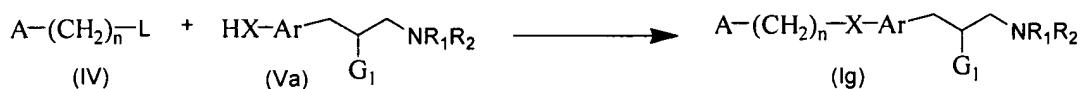
wherein compounds of formula (1b), (1c), (1d), (1e), (1f) & (1g) all represent compounds of formula (I) where A, X, Ar, G₁, R₁, R₂ are as defined in claim 1 and G₂ represents OH, OR₁, SR₁, N₃, CN, NH₂, NR₁R₂ respectively.

8. (Original) A process for the preparation of compound of formula (I), as claimed in claim 1, comprising any of the steps below alone or in combination:

i. reacting a compound of formula (IV), with compounds of formula (V)



ii. reacting a compound of formula (IV) with compound of formula (Va) to obtain compound of formula (Ig)



iii. reacting a compound of formula (IV) with compound of formula (Vb) to obtain compound of formula (Ib)



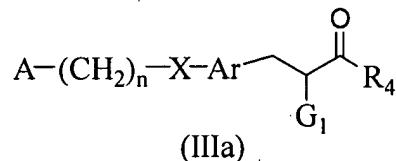
iv. converting the compound of formula (lb) to compound of formula (la)



wherein compounds of formula (1b), (1a), (1f) all represent compounds of formula (I) where A, X, Ar, G₁, R₁, R₂ are as defined in claim 1, 'L' represents a leaving group selected from halogen, mesylate, tosylate & triflate and G₂ represents OH, OR₁, NR₁R₂.

9. (Original) Novel compounds of formula (IIIa), , their analogs, their tautomeric forms, their stereoisomers, their pharmaceutically acceptable salts, their pharmaceutically acceptable solvates, wherein 'A' represents 4-oxazolyl group substituted with one or two substituents selected from substituted or unsubstituted linear or branched (C₁-C₁₂)alkyl, substituted or unsubstituted single or fused heteroaryl or heterocyclic groups with the proviso that one of the substituents on "A" is always a heteroaryl or heterocyclic group and with the further proviso that when the heteroaryl is pyridyl group, such group is unsubstituted; ; 'Ar' represents unsubstituted phenyl; G₁ represents OR₁ or SR₁ where R₁ represents hydrogen, perfluoro(C₁-C₁₂)alkyl, substituted or unsubstituted groups selected from linear or branched (C₁-C₁₂)alkyl, cyclo(C₁-C₁₂)alkyl, aryl, ar(C₁-C₁₂)alkyl, heteroaryl, heteroar(C₁-C₁₂)alkyl, heterocyclyl, alkoxyalkyl, aryloxyalkyl, alkoxy carbonyl, aryloxycarbonyl, cycloalkyloxycarbonyl, alkylaminocarbonyl, arylaminocarbonyl or acyl groups; R₄ represents OH, alkoxy or aryloxy, aralkoxy or NR₁R₂ groups, where R₁ & R₂ may be same or different and independently represent hydrogen, substituted or unsubstituted groups selected from linear or branched (C₁-C₈)alkyl, (C₃-C₇)cycloalkyl, acyl, aryl, heteroaryl, heterocyclyl, aminocarbonyl, aralkyl, alkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, heterocyclylaminocarbonyl,

alkoxycarbonyl, aryloxycarbonyl, aralkyloxycarbonyl, heteroaryloxycarbonyl, heteroaraloxycarbonyl, heteroclooxycarbonyl groups or SO_2R_3 wherein R_3 represents substituted or unsubstituted groups selected from alkyl, aryl, polyhaloalkyl, heterocyclyl, heteroaryl groups; 'n' is an integer from 1-3; X represents O or S,



10. (Original) The compounds as claimed in claim 9, wherein the substitutions on the substituents on 'A' are selected from hydroxyl, oxo, halo, thio, nitro, amino, cyano, formyl, or substituted or unsubstituted groups selected from amidino, guanidino, hydrazino, alkyl, haloalkyl, perhaloalkyl, alkoxy, haloalkoxy, perhaloalkoxy, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, bicycloalkyl, bicycloalkenyl, alkoxy, alkenoxy, cycloalkoxy, aryl, aryloxy, aralkyl, aralkoxy, heterocyclyl, heteroaryl, heterocyclalkyl, heteroaralkyl, heteroaryloxy, heteroaralkoxy, heterocyclyoxy, heterocyclalkoxy, heterocyclalkoxyacetyl, acyl, acyloxy, acylamino, monosubstituted or disubstituted amino, arylamino, aralkylamino, carboxylic acid and its derivatives such as esters and amides, carbonylamino, hydroxyalkyl, aminoalkyl, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl, arylthio, alkylsulfonylamino, alkylsulfonyloxy, alkoxy carbonylamino, aryloxy carbonylamino, aralkyloxycarbonylamino, aminocarbonylamino, alkylaminocarbonylamino, alkoxyamino, hydroxyl amino, sulfenyl derivatives, sulfonyl derivatives, sulfonic acid and its derivatives, phosphonic acid and its derivatives.

11. (Original) The compounds of claim 9 selected from
 Ethyl (2S)-ethoxy-3-[4-(5-methyl-2-thiophen-2-yl-oxazol-4-ylmethoxy)-phenyl]-propanoate;
 Ethyl (2S)-ethoxy-3-[4-[2-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-ethoxy]-phenyl]-

propanoate;

Ethyl (2S)-ethoxy-3-{4-[5-methyl-2-(5-methyl-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-{4-[2-[5-methyl-2-(5-methyl-thiophen-2-yl)-oxazol-4-yl]-ethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-{4-[5-methyl-2-(3-methyl-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-{4-[2-[5-methyl-2-(3-methyl-thiophen-2-yl)-oxazol-4-yl]-ethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-[4-(5-methyl-2-thiophen-3-yl-oxazol-4-ylmethoxy)-phenyl]-propanoate;

Ethyl (2S)-ethoxy-3-{4-[2-(5-methyl-2-thiophen-3-yl-oxazol-4-yl)-ethoxy]-phenyl}-propanoate;

Ethyl 3-[4-(2-benzo[b]thiophen-2-yl-5-methyl-oxazol-4-ylmethoxy)-phenyl]-(2S)-ethoxy-propanoate;

Ethyl 3-{4-[2-(2-benzo[b]thiophen-2-yl-5-methyl-oxazol-4-yl)-ethoxy]-phenyl}-(2S)-ethoxy- propanoate;

Ethyl (2S)-ethoxy-3-[4-(2-furan-2-yl-5-methyl-oxazol-4-ylmethoxy)-phenyl]-propanoate;

Ethyl (2S)-ethoxy-3-{4-[2-(2-furan-2-yl-5-methyl-oxazol-4-yl)-ethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-[4-(5-methyl-2-quinolin-2-yl-oxazol-4-ylmethoxy)-phenyl]-propanoate and its pharmaceutically acceptable salts;

Ethyl (2S)-ethoxy-3-{4-[2-(5-methyl-2-quinolin-2-yl-oxazol-4-yl)-ethoxy]-phenyl}-propanoate and its pharmaceutically acceptable salts;

Ethyl (2S)-ethoxy-3-{4-[3-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-propoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-{4-[5-methyl-2-(5-phenyl-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-{4-[5-methyl-2-(5-chloro-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-{4-[5-methyl-2-(5-bromo-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-{4-[5-methyl-2-(5-methyl-furan-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoate;

Ethyl (2S)-ethoxy-3-(4-{2-[5-methyl-2-(5-phenyl-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoate;

Ethyl (2S)-ethoxy-3-(4-{2-[5-methyl-2-(5-chloro-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoate;

Ethyl (2S)-ethoxy-3-(4-{2-[5-methyl-2-(5-bromo-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoate;

Ethyl (2S)-ethoxy-3-[4-(5-methyl-2-pyridin-2-yl-oxazol-4-ylmethoxy)-phenyl]-propanoate and its pharmaceutically acceptable salts;

Ethyl (2S)-ethoxy-3-[4-(5-methyl-2-pyridin-4-yl-oxazol-4-ylmethoxy)-phenyl]-propanoate and its pharmaceutically acceptable salts;

Ethyl (2S)-ethoxy-3-[4-{2-(5-methyl-2-pyridin-3-yl-oxazol-4-yl)-ethoxy}-phenyl]-propanoate and its pharmaceutically acceptable salts;

Ethyl (2S)-ethoxy-3-[4-(5-methyl-2-pyridin-3-yl-oxazol-4-ylmethoxy)-phenyl]-propanoate and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-[4-(5-methyl-2-thiophen-2-yl-oxazol-4-ylmethoxy)-phenyl]-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[2-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-ethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[5-methyl-2-(5-methyl-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-(4-{2-[5-methyl-2-(5-methyl-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[5-methyl-2-(3-methyl-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-(4-{2-[5-methyl-2-(3-methyl-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-[4-(5-methyl-2-thiophen-3-yl-oxazol-4-ylmethoxy)-phenyl]-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[2-(5-methyl-2-thiophen-3-yl-oxazol-4-yl)-ethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

3-[4-(2-Benzo[b]thiophen-2-yl-5-methyl-oxazol-4-ylmethoxy)-phenyl]- (2S)-ethoxy-propanoic acid and its pharmaceutically acceptable salts;

3-{4-[2-(2-Benzo[b]thiophen-2-yl-5-methyl-oxazol-4-yl)-ethoxy]-phenyl}-(2S)-ethoxy-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-[4-(2-furan-2-yl-5-methyl-oxazol-4-ylmethoxy)-phenyl]-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[2-(2-furan-2-yl-5-methyl-oxazol-4-yl)-ethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-[4-(5-methyl-2-quinolin-2-yl-oxazol-4-ylmethoxy)-phenyl]-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[2-(5-methyl-2-quinolin-2-yl-oxazol-4-yl)-ethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[3-(5-methyl-2-thiophen-2-yl-oxazol-4-yl)-propoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[5-methyl-2-Benzofuran-2-yl)-oxazol-4-ylmethoxy]-phenyl}- propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[5-methyl-2-(5-chloro-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[5-methyl-2-(5-bromo-thiophen-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-{4-[5-methyl-2-(5-methyl-furan-2-yl)-oxazol-4-ylmethoxy]-phenyl}-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-(4-{2-[5-methyl-2-(5-phenyl-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-(4-{2-[5-methyl-2-(5-chloro-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-(4-{2-[5-methyl-2-(5-bromo-thiophen-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoic acid and its pharmaceutically acceptable salts;

(2S)-Ethoxy-3-(4-{2-[5-methyl-2-(5-methyl-furan-2-yl)-oxazol-4-yl]-ethoxy}-phenyl)-propanoic acid and its pharmaceutically acceptable salts;

2(S)-Ethoxy-3-[4-(5-methyl-2-pyridin-2-yl-oxazol-4-ylmethoxy)-phenyl]- propanoic acid and its pharmaceutically acceptable salts;

2(S)-Ethoxy-3-[4-(5-methyl-2-pyridin-4-yl-oxazol-4-ylmethoxy)-phenyl]- propanoic acid and its pharmaceutically acceptable salts;

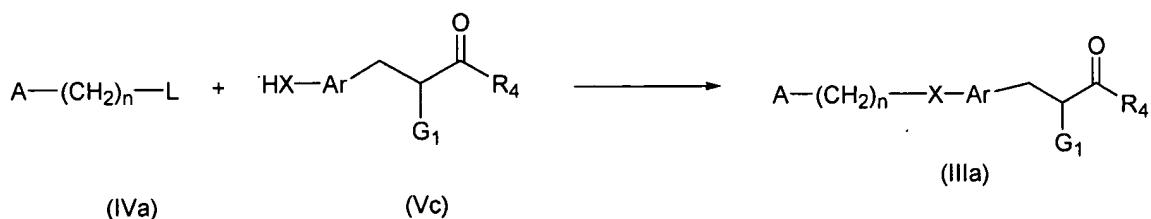
2(S)-Ethoxy-3-[4-(5-methyl-2-pyridin-3-yl-oxazol-4-ylmethoxy)-phenyl]- propanoic acid and its pharmaceutically acceptable salts.

12. (Previously presented) The compounds as claimed in claim 9, suitable as intermediates for the preparation of compounds of formula (I).

13. (Previously presented) A process for the preparation of compound of formula (IIIa) as claimed in claim 9 comprising

i. reacting a compound of formula (IVa) wherein 'A' represents 4-oxazolyl group substituted with one or two substituents selected from substituted or unsubstituted linear or branched (C₁-C₁₂)alkyl, substituted or unsubstituted single or fused heteroaryl or heterocyclic groups with the proviso that one of the substituents on "A" is always a heteroaryl or heterocyclic group and with the further proviso that when the heteroaryl is pyryl group, such group is unsubstituted; ; 'n' is an integer from 1-3; and 'L' represents a leaving group selected from halogen, mesylate, tosylate & triflate, with a compound of formula (Vc) wherein X represents oxygen or sulfur; 'Ar' represents unsubstituted phenyl; G₁ represents OR₁ or SR₁, where R₁ represents hydrogen, perfluoro(C₁-C₁₂)alkyl, substituted or unsubstituted groups selected from linear or branched (C₁-C₁₂)alkyl, cyclo(C₁-C₁₂)alkyl, aryl, ar(C₁-C₁₂)alkyl, heteroaryl, heteroar(C₁-C₁₂)alkyl, heterocyclyl, alkoxyalkyl, aryloxyalkyl, alkoxycarbonyl, aryloxycarbonyl, cycloalkyloxycarbonyl, alkylaminocarbonyl, arylaminocarbonyl or acyl groups; R₄

represents OH, alkoxy or aryloxy, aralkoxy or NR₁R₂ groups, where R₁ & R₂ may be same or different and independently represent hydrogen, substituted or unsubstituted groups selected from linear or branched (C₁-C₈)alkyl, (C₃-C₇)cycloalkyl, acyl, aryl, heteroaryl, heterocycl, aminocarbonyl, aralkyl, alkylaminocarbonyl, arylaminocarbonyl, aralkylaminocarbonyl, heteroarylaminocarbonyl, heteroaralkylaminocarbonyl, heterocyclaminocarbonyl, alkoxycarbonyl, aryloxycarbonyl, aralkyloxycarbonyl, heteroaryloxycarbonyl, heteroaraloxycarbonyl, heterocycloxcarbonyl groups or SO₂R₃ wherein R₃ represents substituted or unsubstituted groups selected from alkyl, aryl, polyhaloalkyl, heterocycl, heteroaryl groups.



- ii. optionally hydrolysing the compound of formula (IIIa) wherein R₄ represents alkoxy, aryloxy, aralkoxy or NR₁R₂ groups, where R₁ & R₂ are as defined earlier, to a further co
- iii. compound of formula (IIIa) wherein R₄ represents OH.

14. (Previously presented) A pharmaceutical composition which comprises compounds of formula (I), as claimed in claim 1 and a pharmaceutically acceptable carrier, diluent, excipients or solvate.

15. (Original) A pharmaceutical composition according to claim 14, in the form of a tablet, capsule, powder, granule, syrup, solution or suspension.

16. (Previously Presented) A pharmaceutical composition according to claim 14, in combination with sulfonyl urea, biguanide, angiotensin II inhibitor, aspirin, \square -glycosidase inhibitor, insulin secretagogue, insulin, β -sitosterol inhibitor, HMG CoA reductase inhibitor, fibrate, nicotinic acid, cholestyramine, cholestipol or probucol, which may be administered together or within such a period as to act synergistically together to a patient in need thereof.

17. (Previously presented) A method of reducing plasma glucose, triglycerides, total cholesterol, LDL, VLDL or free fatty acids in the plasma, while optionally elevating HDL cholesterol levels comprises administering a compound of formula (I), as defined in claim 1, and a pharmaceutically acceptable carrier, diluent, excipients or solvate to a patient in need thereof.

18. (Original) A method according to claim 17, wherein the compounds of formula (I) is given in combination with HMG CoA reductase inhibitor, fibrate, nicotinic acid, cholestyramine, cholestipol or probucol, which may be administered together or within such a period as to act synergistically together to a patient in need thereof.

19. (Previously presented) A method of reducing blood glucose, triglycerides, cholesterol, or free fatty acids in the plasma, comprising administering a compound as defined in claim 1 and a pharmaceutically acceptable carrier, diluent or excipients or solvate to a patient in need thereof.

20. (Previously presented) A method of preventing or treating diseases caused by hyperlipidaemia, hypercholesterolemia, hyperglycemia, obesity, impaired glucose tolerance, leptin resistance, insulin resistance, diabetic complications, comprising administering an effective, non-toxic amount of compound of formula (I) as defined in claim 1 to a patient in need thereof.

21. (Previously presented) A method of treating diseases wherein insulin resistance is the underlying pathophysiological mechanism, which includes type 2 diabetes, impaired glucose tolerance, dyslipidaemia, hypertension, obesity, atherosclerosis, hyperlipidaemia, coronary artery disease, cardiovascular disorders, renal diseases, microalbuminuria, glomerulonephritis, glomerulosclerosis, nephrotic syndrome, hypertensive nephrosclerosis, diabetic retinopathy, diabetic nephropathy, endothelial cell dysfunction, psoriasis, polycystic ovarian syndrome (PCOS), dementia, end-stage renal disease, osteoporosis, inflammatory bowel diseases, myotonic dystrophy, pancreatitis, arteriosclerosis, xanthoma or cancer, comprising administering an effective, non-toxic amount of compound of formula (I) as defined in claim 1 to a patient in need thereof.

22. (Previously presented) Use of compounds of formula (I) as defined for the preparation of medicine suitable for the treatment of diseases mentioned in claim 1.

23. (Previously presented) A pharmaceutical composition which comprises compounds of formula (IIIa), as claimed in claim 9 and a pharmaceutically acceptable carrier, diluent, excipients or solvate.

24. (Previously presented) A pharmaceutical composition according to claim 23, in the form of a tablet, capsule, powder, granule, syrup, solution or suspension.

25. (Previously presented) A pharmaceutical composition according to claim 23, in combination with sulfonyl urea, biguanide, angiotensin II inhibitor, aspirin, \square -glycosidase inhibitor, insulin secretagogue, insulin, β -sitosterol inhibitor, HMG CoA reductase inhibitor, fibrate, nicotinic acid, cholestyramine, cholestipol or probucol, which

may be administered together or within such a period as to act synergistically together to a patient in need thereof.

26. (Previously presented) A method of reducing plasma glucose, triglycerides, total cholesterol, LDL, VLDL or free fatty acids in the plasma, while optionally elevating HDL cholesterol levels comprises administering a compound of formula (IIIa), as defined in claim 23, and a pharmaceutically acceptable carrier, diluent, excipients or solvate to a patient in need thereof.

27. (Previously presented) A method according to claim 26, wherein the compounds of formula (IIIa) is given in combination with HMG CoA reductase inhibitor, fibrate, nicotinic acid, cholestyramine, cholestipol or probucol, which may be administered together or within such a period as to act synergistically together to a patient in need thereof.

28. (Previously presented) A method of preventing or treating diseases caused by hyperlipidaemia, hypercholesterolemia, hyperglycemia, obesity, impaired glucose tolerance, leptin resistance, insulin resistance, diabetic complications, comprising administering an effective, non-toxic amount of compound of formula (IIIa) as defined in claim 9 to a patient in need thereof.

29. (Previously presented) A method of treating diseases wherein insulin resistance is the underlying pathophysiological mechanism, which includes type 2 diabetes, impaired glucose tolerance, dyslipidaemia, hypertension, obesity, atherosclerosis, hyperlipidaemia, coronary artery disease, cardiovascular disorders, renal diseases, microalbuminuria, glomerulonephritis, glomerulosclerosis, nephrotic syndrome, hypertensive nephrosclerosis, diabetic retinopathy, diabetic nephropathy, endothelial cell dysfunction, psoriasis, polycystic ovarian syndrome (PCOS), dementia,

end-stage renal disease, osteoporosis, inflammatory bowel diseases, myotonic dystrophy, pancreatitis, arteriosclerosis, xanthoma or cancer, comprising administering an effective, non-toxic amount of compound of formula (IIIa) as defined in claim 9 to a patient in need thereof.

30. (Previously presented) Use of compounds of formula (IIIa) as defined for the preparation of medicine suitable for the treatment of diseases mentioned in claim 9.